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L2	15596	(707/1,2,3,10,100,101,102).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:49
L3	2	2 and star adj map\$4	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:51
L4	59	star adj map\$4	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:51
L5	160	star near3 map\$4	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:52
L6	128	5 and @ad<"20011231"	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 09:04
L7	43	6 and (database)	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:53
L8	7	7 and (bit adj map\$6)	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:56
L9	4	8 and (outer adj join or outerjoin)	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:59
L10	15713	bit adj map\$6	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:57
L11	19575	bit adj (map\$6 or index\$5 or array\$2)	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:58
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L13	23599	"707"/\$.ccls.	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 08:58
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L17	1471	(outer adj join\$4 or outerjoin\$6)	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 09:00
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L21	687	20 and @ad<"20011231"	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 09:17
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L27	37	23 and star	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 09:10

L28	49	(("10038849") or ("ThePatentLinguisticsUtilitySystem(PLUS)isaUSPTOautomatedsearch") or ("systemforU.S. Patentsfrom1971tothepresent. PLUSisa") or ("query-by-examplesearchsystemw hichproducesalistofpatentsthatare") or ("mostcloselyrelatedlinguisticallytot heapplicationsearched.This") or ("searchwaspreparedbythestaffofth eScientificandTechnical") or ("InformationCenter,SIRA.") or ("5848408") or ("6618729") or ("6105020") or ("6564212") or ("6633883") or ("5899988") or ("6725223") or ("6446063") or ("6711563") or ("6014733") or ("5802521") or ("6279007") or ("5444842") or ("5903888") or ("6144957") or ("6360213") or ("6442539") or ("6487549") or ("6502089") or ("6507835") or ("6564204") or ("6745173") or ("6163774") or ("6374235") or ("5761652") or ("5864842") or ("5903893") or ("5724577") or ("5758145") or ("6226639") or ("6226639") or ("6122644") or ("6253197") or ("6263331") or ("5903887") or ("5873074") or ("5978793") or ("5819256") or ("6226634") or ("6226634") or ("5883722") or ("5884307") or ("6285994") or ("5812651") or ("6182089") or ("5365251") or ("5465322") or ("5608909") or ("5619675") or ("5781722")).PN. or (PLUSSearchResultsforS/N10038849 ,SearchedNovember30,2004).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 09:15
L29	16	28 and star	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 09:15
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L32	11	"outer joins".clm.	US-PGPUB; USPAT; EPO	OR	OFF	2004/12/02 09:17

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outer join

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Results Key:**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Efficient processing of outer joins and aggregate junctions***Bhargava, G.; Goel, P.; Iyer, B.;*

Data Engineering, 1996. Proceedings of the Twelfth International Conference on , 26 Feb.-1 March 1996

Pages:441 - 449

[\[Abstract\]](#) [\[PDF Full-Text \(676 KB\)\]](#) IEEE CNF
2 Outer joins and filters for instantiating objects from relational data through views*Byung Suk Lee; Wiederhold, G.;*

Knowledge and Data Engineering, IEEE Transactions on , Volume: 6 , Issue: 1 , Feb. 1994

Pages:108 - 119

[\[Abstract\]](#) [\[PDF Full-Text \(1056 KB\)\]](#) IEEE JNL
3 DB2 for OS/390 V5 vs. V6 outer join performance*Weihsrauch, M.;*

Performance Analysis of Systems and Software, 2000. ISPASS. 2000 IEEE International Symposium on , 24-25 April 2000

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[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) IEEE CNF
4 Query processing in multidatabase systems*Scheuermann, P.; Chong, E.I.;*

Systems, Man and Cybernetics, 1992., IEEE International Conference on , 18-Oct. 1992

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[\[Abstract\]](#) [\[PDF Full-Text \(368 KB\)\]](#) IEEE CNF

5 Logic-based approach for realizing a federated information system

Whang, W.K.; Navathe, S.B.; Chakravarthy, S.;

Interoperability in Multidatabase Systems, 1991. IMS '91. Proceedings., First International Workshop on , 7-9 April 1991

Pages:92 - 100

[\[Abstract\]](#) [\[PDF Full-Text \(664 KB\)\]](#) IEEE CNF

6 Domain vector accelerator (DVA): A query accelerator for relational operations

Perrizo, W.; Gustafson, J.; Thureen, D.; Wenberg, D.; Davidson, W.;

Data Engineering, 1991. Proceedings. Seventh International Conference on , 8 April 1991

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